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CLAUDE GAY, who wrote a large volume on the history, zoology and botany of Chili, recently died, in his seventy-fourth year.

EXCHANGES.

HAIR OF DERMESTES.—Larvæ of *Dermestes* with test-hairs *in situ*, for good microscopic objects.—R. H. WARD, 53 Fourth Street, Troy, N. Y.

BOOKS RECEIVED.

- Descriptions of New Species of Goniatidæ.* With a list of previously described species. By James Hall. 1874. 8vo.
- The Science of Homeopathy; or, A Critical and Synthetical Exposition of the Doctrines of the Homeopathic School.* By Charles J. Hempel. Cloth, \$1.75. Boericke & Tafel. New York, Philadelphia, Baltimore, San Francisco, 1874. pp. 177. 8vo.
- The Geological and Natural History Survey of Minnesota. The Second Annual Report, for the Year 1873.* By N. H. Winchell and S. F. Peckham. St. Paul, 1874. pp. 75-219. 8vo.
- The Organization and Progress of the Anderson School of Natural History at Penikese Island. Report of the Trustees for 1873.* Cambridge, 1874. 8vo.
- Annual Report of the Trustees of the Museum of Comparative Zoology, at Harvard College, in Cambridge; Together with the Report of the Committee on the Museum, for 1873.* Boston, 1874. 8vo.
- Urethrotomy, External and Internal Combined, in Cases of Multiple and Difficult Stricture; with Remarks on the Urethral Calibre.* By Fessenden N. Otis. New York, 1874. 8vo.
- Descriptions of Bryozoa and Corals of the Lower Helderberg Group.* By James Hall. Albany, 1874. 8vo.
- On the Plagopterine and the Ichthyology of Utah.* By Edward D. Cope. Philadelphia, 1874. 8vo.
- Catalogue of the Coleoptera of Mt. Washington, N. H.* By E. P. Austin; With *Descriptions of New Species*, by J. L. LeConte. Boston. 8vo.
- Birds of Western and Northwestern Mexico. Based upon Collections made by A. J. Grayson, J. Zantus and Ferd. Bischoff.* By George N. Lawrence. Boston. 4to.
- Descriptions of Six Supposed New Species of American Birds.* By George N. Lawrence. New York. 8vo.
- Entomological Contributions. No. III.* By J. A. Lintner. Albany. May, 1874. 8vo.
- The Butterflies of North America.* By W. H. Edwards. Second series, Part I. Published by Hurd & Houghton, New York. May, 1874. 4to.
- Catalogue of Flowering Plants of the Southern Peninsula of Michigan, with a few of the Cryptogamia.* By N. Coleman. Kent Scientific Institute. Miscellaneous Publications. No. 2. Grand Rapids, 1874. 8vo.
- Catalogue of Plants Growing Without Cultivation in the State of New Jersey, with a Specific Description of all the Species of Violet found therein.* By Oliver R. Willis. J. W. Schermerhorn & Co., Publishers. New York, 1874. 8vo.
- Anatomy of the Invertebrata.* By C. Th. V. Siebold. Translated from the German with Additions and Notes by Waldo I. Burnett. James Campbell, Publisher. Boston. 1874. pp. 470. 8vo.
- Sixth Annual Report on the Noxious, Beneficial, and other Insects of the State of Missouri, made to the State Board of Agriculture, pursuant to an Appropriation for this purpose from the Legislature of the State.* By Charles V. Riley. Jefferson City, 1874. 8vo.
- Instructions for Observing the Transit of Venus, December 8-9, 1874.* Prepared by the Commission authorized by Congress and printed for the use of the observing parties by authority of the Hon. Secretary of the Navy. Washington, 1874. 4to.
- Geographical and Geological Explorations and Surveys West of the 100th Meridian. Astronomical Report.* By Lieut. George M. Wheeler. Washington. 1874. 4to.
- On the Transformations of the Common House Fly, with Notes on Allied Forms.* By A. S. Packard, jr. 1874. pp. 14. 8vo. With a plate.
- Descriptions of New North American Phalænidæ and Phyllopoda.* By A. S. Packard, jr. 1874. pp. 18. 8vo.
- The Influence of Climate and Topography on our Trees.* By J. G. Cooper. 8vo. From the Proceedings of the California Academy of Sciences, March 16, 1874.
- The Mesquite Bean.* By J. G. Cooper. From the Scientific Press. San Francisco, Nov. 4, 1871. 4to.
- Psyche. Organ of the Cambridge Entomological Club.* Edited by B. Pickman Mann. Vol. 1, No. 1. Cambridge, Mass., May, 1874. pp. 4. 8vo.
- Observer of Nature.* Vol. 1, No. 2. Lawrence, Kansas. Wednesday, April 29, 1874.
- Les Cristalloïdes Complexes a Sommet Etoile.* Par Leopold Hugo. Paris, 1872. 8vo.
- Essai sur la Geometrie des Cristalloïdes.* Par Leopold Hugo. Paris, 1873. 8vo.
- Introduction a la Geometrie Descriptive des Cristalloïdes.* Par Leopold Hugo. Paris, 1874. 8vo.
- Y a-t-il des Faunes Naturelles Distinctes a la Surface du Globe, et quelle Methode doit-on employer pour arriver a les definir et les limiter?* Extrait des Annales de la Societe Entomologique de Belgique. Par A. Preudhomme de Borre. 1873. 8vo.
- Organ der deutschen Gesellschaft für Anthropologie Ethnologie und Urgeschichte.* Archiv für Anthropologie. Zeitschrift für Naturgeschichte und Urgeschichte des Menschen. Von Friedrich Vieweg und Sohn in Braunschweig. 1874. 4to.
- Schriften der Naturforschenden Gesellschaft in Danzig.* Neue Folge. Vol. 3, Parts 1-2. Danzig, 1872-1873. 8vo.